



IFW

PATENT
Customer No. 22,852
Attorney Docket No. 2356.0043-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Philippe SANSONETTI et al.)	Group Art Unit: 1653
)	
Application No.: 10/814,589)	Examiner: Unassigned
)	
Filed: April 1, 2004)	
)	
For: TRANSFERRED SHIGELLA)	Confirmation No.: 5870
)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents were previously submitted in a prior application, Application No. 08/466,698, filed June 6, 1995, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: September 24, 2004

By: 

Kenneth J. Meyers
Reg. No. 25,146

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	2356.0043-03	Appln. No.	10/814,589
Applicant	Philippe SANSONETTI et al.		
Filing Date	April 1, 2004	Group:	1653

02356.0043-02 U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Bernardini et al., "Identification of icsA, A Plasmid Locus of Shigella Flexneri that Governs Bacterial Intra- and Intercellular Spread Through Interaction with F-actin," <i>Proc. Nat. Acad., USA</i> , Vol. 86, pp. 3867-71 (1989).
	Fontaine et al., "Role of Shiga Toxin in the Pathogenesis of Bacillary Dysentery, Studied by Using a Tox-Mutant of Shigella Dysenteriae 1," <i>Infection and Immunity</i> , Vol. 56, pp. 3099-3109 (1998).
	Lawlor et al., "Aerobactin Genes in Shigella spp.," <i>J. of Bacterial.</i> , Vol. 60, pp. 266-272 (1984).
	Lett et al., "virG, a Plasmid-Coded Virulence Gene of Shigella Flexneri" Identification of the virG Protein and Determination of the Complete Coding Sequence," <i>J. Bacterial.</i> , Vol. 171, pp. 353-359 (1989).
	Makino et al., "A Genetic Determinant Required for Continuous Reinfection of Adjacent Cells on Large Plasmid in S. Flexneri 2a," <i>Cell</i> , 46, pp. 551-555 (1986).
	Mills et al., "Analysis and Genetic Manipulation of Shigella Virulence Determinants for Vaccine Development", <i>Vaccine</i> , Vol. 6, pp. 116-122 (1988).
	Olsnes et al., "Isolation and Characterization of Shigella Shigae Cytotoxin," <i>J. Biol. Chem.</i> , Vol. 255, pp. 284--289 (1980).
	Ozenberger et al., "Genetic Organization of Multiple feb genes Encoding Ferric Enterobactin Transport Functions in Escherichia coli," <i>J. Bacteriol.</i> , 169, pp. 3635-3646 (1987).
	Nassif et al., "Evaluation with an IUC:Tn10 Mutant of the Role of Aerobactin Production in the Virulence of Shigella Flexneri," <i>Infection and Immunity</i> , Vol. 55, pp. 1963-69 (1987).

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02356.0043-02U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	Newland et al., "Cloning of Shiga-Like Toxin Structural Genes from a Toxin Converting Phage of <i>Escherichia coli</i> ," <i>Science</i> , Vol. 230, pp. 179-181 (1985).					
	Payne et al., "Expression of Hydroxamate and Phenolate Siderophores by <i>Shigella Flexneri</i> ," <i>Chem Abstr.</i> , 99, 136626K (1983).					
	Sansonetti et al., "Multiplication of <i>Shigella Flexneri</i> Within Hela Cells: Lysis of the Phagocytic Vacuole and Plasmid-Mediated Contact Hemolysis," <i>Infection and Immunity</i> , Vol. 51, pp. 461-469 (1986).					
	Sansonetti et al., "OmpB (osmo-regulation) and icsA (cell-to-cell spread) Mutants of <i>Shigella Flexneri</i> ," <i>Vaccine</i> , Vol. 9:416-21 (1991).					
	Seidah et al., "Complete Amino Acid Sequence of <i>Shigella</i> Toxin B-Chain," <i>J. Biol. Chem.</i> , Vol. 261, pp. 13928-13931 (1986).					
	Sekizaki et al., "Localization of stx, a Determinant Essential for High-level Production of Shiga Toxin by <i>Shigella Dysenteriae</i> Serotype 1, Near pyrF and Generation of stx Transposon Mutants," <i>Infection and Immunity</i> , Vol. 55, pp. 2208-2214 (1987).					
	Strockbine et al., "Cloning and Sequencing of the Genes for Shiga Toxin from <i>Shigella dysenteriae</i> Type 1," <i>Chem. Abstr.</i> , Vol. 109, pp. 67822g (1988).					
	Strockbine et al., "Cloning and Sequencing of the Genes for Shiga Toxin from <i>Shigella dysenteriae</i> Type 1," <i>J. Bacteriology</i> , 170: 1116-1122 (1988).					
	Timmis et al., "Localization of Shiga Toxin Gene in the Region of <i>Shigella Dysenteriae</i> 1, Chromosome Specifying Virulence Functions," <i>FEMS Microbiology Letters</i> , Vol. 30, pp. 301-305 (1985).					

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce